

Converting Colors

YUV(173.5550, 8.1074,
-33.8127)

Have a look what the booklet for
YUV(173.5550, 8.1074, -33.8127)
contains.

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Color

**YUV(173.5550, 8.1074,
-33.8127)**

Conversions

Conversions Part 1

Format	Color
Hex	87BEBE
RGB	135, 190, 190
RGB Percent	53%, 75%, 75%
CMY	0.4706, 0.2549, 0.2549
CMYK	0.29, 0.00, 0.00, 0.25
HSL	180°, 30%, 64%
HSV	180°, 29%, 75%
XYZ	37.6994, 45.6955, 55.5483
YIQ	173.5550, -32.7800, -11.6600

Conversions

Conversions Part 2

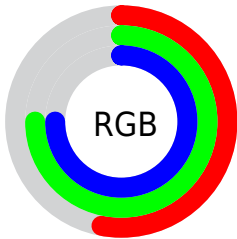
Format	Color
RYB	135, 163, 190
Decimal	8896190
CIELab	73.35, -17.75, -5.76
CIELCh	73, 18.662, 197.982
Yxy	45.6955, 0.2713, 0.3289
Android (android.graphics.Color)	4287086270 (0xFF87BEBE)
YUV	173.5550, 8.1074, -33.8127
Hunter-Lab	67.5985, -18.7486, -1.4020

Details

The YUV color $173.5550, 8.1074, -33.8127$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $151.4450, -8.1074, 33.8127$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $229.2560, 8.2548, -34.4275$, and $120.2670, 8.2494, -32.6832$ is the 20% darker color. If you saturate the color by 10%, you get $167.8740, 10.9081, -45.4935$, and if you desaturate by 10%, it is $179.2360, 5.3067, -22.1320$.

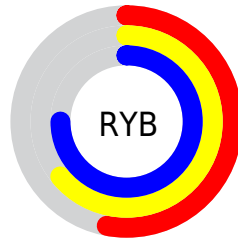
Distribution



Red (53%)

Green (75%)

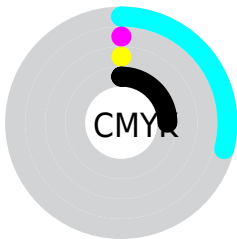
Blue (75%)



Red (53%)

Yellow (64%)

Blue (75%)

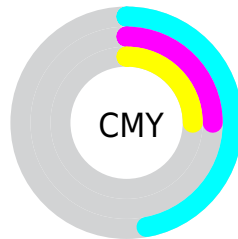


Cyan (29%)

Magenta (0%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (25%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.5550, 8.1074, -33.8127 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 173.5550, 8.1074, -33.8127 by changing the saturation by 10% instead.

■ 173.5550, 8.1074,
-33.8127

■ 173.5550, 8.1074,
-33.8127

255.0000, 0.0000,
0.0000

■ 146.8540, 7.9600,
-33.1980

■ 229.2560, 8.2548,
-34.4275

■ 120.2670, 8.2494,
-32.6832

■ 243.9370, 5.4541,
-22.7467

■ 94.8540, 7.9600,
-33.1980

■ 252.6080, 1.1793,
-4.9182

■ 69.6690, 8.5442,
-33.9127

■ 44.2770, 9.7234,
-38.8309

■ 28.8550, 6.4805,
-25.3058

■ 14.8350, 3.5323,

-13.0103

■ 0.0000, 0.0000,
0.0000

■ 173.5550, 8.1074,
-33.8127

■ 173.5550, 8.1074,
-33.8127

■ 167.8740, 10.9081,
-45.4935

■ 179.2360, 5.3067,
-22.1320

■ 162.1930, 13.7089,
-57.1743

■ 184.9170, 2.5059,
-10.4512

■ 156.5120, 16.5096,
-68.8550

■ 190.5980, -0.2948,
1.2296

■ 150.8310, 19.3103,
-80.5358

■ 196.2790, -3.0955,
12.9103

■ 145.1500, 22.1111,
-92.2165

■ 201.9600, -5.8963,
24.5911

■ 139.4690, 24.9118,
-103.8973

■ 207.6410, -8.6970,
36.2718

■ 133.7880, 27.7125,
-115.5781

■ 209.4350, -9.5815,
39.9605

■ 133.1900, 28.0073,
-116.8076

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



174.4930, -1.2290, -25.8654



173.5550, 8.1074, -33.8127



174.6890, 14.9433, -33.0533

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



173.5550, 8.1074, -33.8127



183.2970, 9.7136, 11.1405



180.4570, -16.4943, 17.1392

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



173.5550, 8.1074, -33.8127



151.4450, -8.1074, 33.8127

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



181.4350, -13.0325, 26.8055



173.5550, 8.1074, -33.8127



183.4250, 2.2555, 23.3063

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



173.5550, 8.1074, -33.8127



180.6800, 15.4408, -5.8584



182.5800, -6.2019, 29.3093



178.4230, -14.9985, 4.0140

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



173.5550, 8.1074, -33.8127



176.3030, 17.1056, -26.5757



182.5800, -6.2019, 29.3093



181.0060, -15.7790, 21.0427

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



173.5550, 8.1074, -33.8127



240.4220, 3.2430, -13.5251



167.2850, -15.9165, -28.3139



120.8140, 2.0637, -8.6069



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



173.5550, 8.1074, -33.8127



221.2860, 12.6770, -52.8708



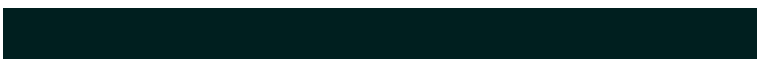
157.7060, 15.9209, -19.9132



91.3090, 1.3267, -5.5330



110.7580, 23.2903, -97.1348



21.7310, 4.5696, -19.0581

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



157.7150, 15.9165, 28.3139



196.5180, 24.8876, 44.2727



167.8810, -16.2103, 19.3984



88.7170, 2.6045, 4.6332



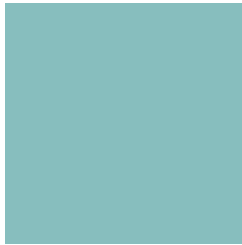
65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Previews

White Background



This preview shows how the YUV color 173.5550, 8.1074, -33.8127 looks on a white background.

Color Contrast Check

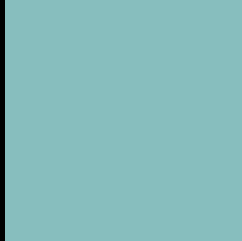
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 173.5550, 8.1074, -33.8127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 173.5550, 8.1074, -33.8127 Background



This preview shows how black text looks on a background with the YUV color 173.5550, 8.1074, -33.8127.

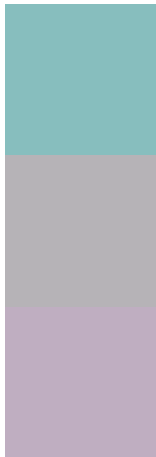


This preview shows how white text looks on a background with the YUV color 173.5550, 8.1074,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

173.5550, 8.1074, -33.8127

Protanopia

180.3530, 1.3050, 1.4444

Deuteranopia

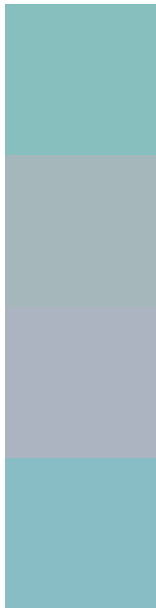
181.2490, 5.7932, 8.5516



Tritanopia

174.7600, 13.9223, -32.2385

Trichromacy



Original Color

173.5550, 8.1074, -33.8127

Protanomaly

177.9600, 3.9637, -11.3659

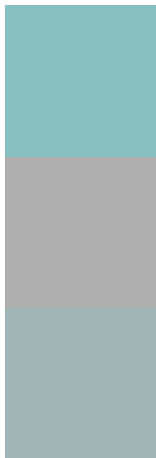
Deuteranomaly

178.6770, 6.5682, -6.7327

Tritanomaly

174.4780, 11.5963, -32.8682

Monochromacy



Original Color

173.5550, 8.1074, -33.8127

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.0200, 2.9481, -12.2955

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.5550, 8.1074, -33.8127 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(135, 190, 190)` looks like.

```
.text, #text, p{  
    color:rgb(135, 190, 190)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(135, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 190, 190) }
```

Border

The CSS property to change the border of an element to YUV 173.5550, 8.1074, -33.8127 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 190, 190) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(135, 190, 190) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(135, 190, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 190, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 190, 190);  
box-shadow:4px 4px 4px 4px rgb(135, 190,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 173.5550, 8.1074, -33.8127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 190, 190) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(135,  
190, 190) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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